

ABSTRACT

A device for protecting a motor in a vacuum cleaner is provided which includes a lower casing for forming a lower portion of a main body of the cleaner; a motor housing
5 which is installed in the lower casing and includes the driving motor therein, and of which an upper portion is opened upwardly; a filtering means installed onto the lower casing for filtering out foreign materials from introduced air; and an intermediate cover integrally formed with a first cover portion positioned onto an upper portion of the filtering means and a second cover portion for covering the upper portion of the motor housing. Further,
10 a pressure switch for sensing pressure within the motor housing and a damper for introducing external air into the motor housing when the pressure within the motor housing is lowered below a predetermined pressure value are directly installed onto the second cover portion of the intermediate cover.